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FACSIMILE COVER SHEET

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NO. OF PAGES INCLUDING COVER SHEET

6

COMMENTS:

*Attached are the teleconference instructions
for tomorrow's call re: the Shield alloy
ecological risk assessment. An agenda is also
attached. Please call me if you have any
questions.*

Joe

PLEASE NOTE:

The ecological risk assessment teleconference originally proposed for 2:00 pm, Tuesday, March 19, 1996 has been re-scheduled for 2:00 om, Wednesday, March 20, 1996. The teleconference has been re-scheduled due to scheduling conflicts with the originally proposed date. An agenda is attached. There will be no regular Tuesday afternoon teleconference.

Just prior to 2:00 pm EST, participants are asked to call the conferencing service at:
1-800-966-6338

and indicate that you are participating in the Bob Smith/TRC teleconference scheduled for 2:00 pm. If needed, the confirmation number is 130198.

CONFERENCE CALL AGENDA

Wednesday, March 20, 1996

ECOLOGICAL RISK ASSESSMENT (ERA) FOR THE SHIELDALLOY METALLURGICAL CORPORATION, NEWFIELD, NEW JERSEY

- I. Proposed Table of Contents for the ERA Report (attached)
- II. Methodological Issues
 - A. Overall Approach
 - 1. Aquatic
 - a. Comparison to surface water and sediment criteria
 - b. Evaluation of sediment toxicity data
 - c. Evaluation of benthic population data
 - 2. Terrestrial
 - a. Food chain modeling
 - B. Data Inputs
 - 1. Surface Soil (all data in areas of concern)
 - 2. Surface Water (most recent data)
 - 3. Sediment Chemistry (all data)
 - 4. Sediment Toxicity (all data)
 - 5. Benthic Population (all data)
 - C. Areas of Concern to be Included/Addressed
 - 1. Aquatic
 - a. Ponds (surface water and sediment)
 - b. Hudson Branch (surface water and sediment)
 - 2. Terrestrial/Wetland
 - a. Open grassland
 - b. Wooded
 - D. Indicator Species for the Terrestrial/Wetland Component
 - 1. Open Grassland
 - a. White-footed mouse
 - b. Eastern Cottontail
 - c. American robin
 - d. Red-tailed hawk

D. Indicator Species for the Terrestrial/Wetland Component (cont.)

2. Wooded
 - a. White-footed mouse
 - b. Short-tailed shrew
 - c. White-tailed deer
 - d. Wood Thrush
 - e. Broad-winged hawk

E. Constituent of Potential Concern (COC) Selection

1. Tier 1 - Detection Frequency (All Media)
2. Tier 2 - Comparison to Site-Specific Background (Inorganics, All Media)-
A 3-fold elevation in the EPC (see "II.F") relative to the statistic for
background will be used at the basis for including/excluding a constituent
as a COC.
3. Tier 3 - Comparison to Screening Level Criteria (Surface Water and
Sediment)-EPC exceedance of the criterion will be used at the basis for
including/excluding a constituent as a COC.

F. Exposure Point Concentration (EPC)

1. 95% Upper Confidence Limit (or Maximum)
2. Mean and Maximum

Note: Only one EPC type ("1" or "2") will be used in the ERA

III. Other

DRAFT

Table of Contents for Ecological Risk Assessment Report Shieldalloy Metallurgical Corporation Newfield, New Jersey

- I. Introduction
 - A. Objectives
 - B. Site Description
 - C. Methodology/Data Inputs
- II. Problem Formulation
 - A. Habitat/Receptor Characterization
 - 1. Habitats
 - a. Aquatic
 - b. Terrestrial/Wetlands
 - i. Field
 - ii. Forest
 - 2. Receptor Species
 - a. Aquatic
 - b. Terrestrial/Wetlands
 - i. Field
 - ii. Forest
 - B. Hazard Identification
 - 1. Constituent Presence and Constituent of Potential Concern (COC) Selection
 - a. Aquatic
 - b. Terrestrial/Wetlands
 - i. Field
 - ii. Forest
 - C. Site Conceptual Model for Terrestrial/Wetlands Component
 - 1. Exposure Scenarios
 - 2. Indicator Species Selection
 - 3. Endpoint Selection
- III. Exposure Assessment
 - A. Aquatic
 - B. Terrestrial/Wetlands Food Chain Exposure
- IV. Stressor-Response Relationships
 - A. Aquatic
 - 1. Surface Water
 - 2. Sediments

IV. Stressor-Response Relationships (cont)

- B. Terrestrial/Wetlands
 - I. Ecological Benchmark Doses

V. Risk Characterization

- A. Aquatic
 - 1. Surface Water
 - 2. Sediments
 - a. Chemistry
 - b. Toxicity Testing
 - c. Macrobenthic Survey
- B. Terrestrial/Wetlands
 - 1. Field
 - 2. Forest
- C. Uncertainty Analysis

VI. Interpretation/Conclusions